Scientia Horticulturae 73 (1998) 265-266

## Contents of Scientia Horticulturae, Volume 73

VOL. 73 NO. 1 12 MARCH	1998
Changes in SH-containing compounds and catalase activity in apricot flower bud during the winter season	
R. Viti and S. Bartolini (Pisa, Italy)	
B. Bhagwat and E.J. Duncan (St. Augustine, Trinidad and Tobago)	
J. Adelberg, R. Pollock, N. Rajapakse and R. Young (Clemson, SC, USA)	
Relationships among some cultivated species and varieties of Alstroemeria L. based on RAPD analysis J.G. Dubouzet, N. Murata and K. Shinoda (Sapporo, Japan)	37
cactus pear ( <i>Opuntia ficus-indica</i> L. Miller)  P. Inglese (Reggio Calabria, Italy), I. Chessa (Sassari, Italy), T. La Mantia (Palermo, Italy) and G. Nieddu (Sassari, Italy)	45
Floral characteristics of heat-tolerant and heat-sensitive tomato ( <i>Lycopersicon esculentum</i> Mill.) cultivars at high temperature D.P. Lohar (Pokhara, Nepal) and W.E. Peat (Kent, UK)	53
Book Reviews	61
Guide for Authors	69
VOL. 73 NOS. 1-2 26 MARCH	1998
An empirical model for describing growth and nitrogen uptake of white cabbage (Brassica oleracea var. capitata)	
M. Fink and C. Feller (Großbeeren, Germany)	
H. Higuchi (Kyoto, Japan), N. Utsunomiya (Nara, Japan) and T. Sakuratani (Kyoto, Japan) Ethylene association with chloride stress in citrus plants	89
Y. Bar, A. Apelbaum, U. Kafkafi and R. Goren (Rehovot, Israel)	99
A. Erez (Bet-Dagan, Israel), M. Faust and M.J. Line (Beltsville, MD, USA)	
USA)	125

tulip	
P.V. Nelson and C.E. Niedziela Jr. (Raleigh, NC, USA)	137
Responses of two hemiepiphytic fruit crop cacti to different degrees of shade	
E. Raveh, A. Nerd and Y. Mizrahi (Beer-Sheva, Israel)	151
Immunological cross-reaction between bud and bark proteins of dormant deciduous trees	
A. Golan-Goldhirsh and A. Shachak (Sede Boker Campus, Israel)	165
Short communications	
Effect of pea seed borne mosaic and broad bean stain viruses on lentil growth and yield in Jordan	
O. Mabrouk and A.N. Mansour (Amman, Jordan)	175
Synseeds in potato: an investigation using nutrient-encapsulated in vitro nodal segments	
D. Sarkar and P.S. Naik (Shimla, India)	179
Effect of seed drying on germination behaviour in citrus	
E. Saipari, A.M. Goswami and M. Dadlani (New Delhi, India)	185
Book Review	191
VOL. 73 NO. 4 16 APRIL 1	1998
Thermotherapy in virus elimination from garlic: influences on shoot multiplication from meristems and	
bulb formation in vitro	
U. Robert, J. Žel and M. Ravnikar (Ljubljana, Slovenia)	193
The effect of time of girdling on carbohydrate contents and fruiting in Ponkan mandarin (Citrus	195
reticulata Rlanco)	
reticulata Blanco) M. Mataa, S. Tominaga and I. Kozaki (Kagoshima, Janan)	203
M. Mataa, S. Tominaga and I. Kozaki (Kagoshima, Japan)	203
M. Mataa, S. Tominaga and I. Kozaki (Kagoshima, Japan)	203
M. Mataa, S. Tominaga and I. Kozaki (Kagoshima, Japan)	
M. Mataa, S. Tominaga and I. Kozaki (Kagoshima, Japan)	203
M. Mataa, S. Tominaga and I. Kozaki (Kagoshima, Japan)	213
M. Mataa, S. Tominaga and I. Kozaki (Kagoshima, Japan)	
M. Mataa, S. Tominaga and I. Kozaki (Kagoshima, Japan)	213
M. Mataa, S. Tominaga and I. Kozaki (Kagoshima, Japan).  Loss of watercore from 'Fuji' apple observed by magnetic resonance imaging C.J. Clark (Palmerston, New Zealand), J.S. MacFall (Elon College, NC, USA) and R.L. Bieleski (Auckland, New Zealand)	213 229
M. Mataa, S. Tominaga and I. Kozaki (Kagoshima, Japan)	213
M. Mataa, S. Tominaga and I. Kozaki (Kagoshima, Japan).  Loss of watercore from 'Fuji' apple observed by magnetic resonance imaging C.J. Clark (Palmerston, New Zealand), J.S. MacFall (Elon College, NC, USA) and R.L. Bieleski (Auckland, New Zealand)	213 229
M. Mataa, S. Tominaga and I. Kozaki (Kagoshima, Japan).  Loss of watercore from 'Fuji' apple observed by magnetic resonance imaging C.J. Clark (Palmerston, New Zealand), J.S. MacFall (Elon College, NC, USA) and R.L. Bieleski (Auckland, New Zealand).  Effects of air humidity, lighting period and lamp type on growth and vase life of roses L.M. Mortensen (Klepp, Ås, Norway) and T. Fjeld (Ås, Norway).  Effects of culture temperature on the enlargement, sugar uptake, starch accumulation, and respiration of in vitro bulblets of Lilium japonicum Thunb.  M. Yamagishi (Ishikawa, Japan).	213 229 239
M. Mataa, S. Tominaga and I. Kozaki (Kagoshima, Japan).  Loss of watercore from 'Fuji' apple observed by magnetic resonance imaging C.J. Clark (Palmerston, New Zealand), J.S. MacFall (Elon College, NC, USA) and R.L. Bieleski (Auckland, New Zealand).  Effects of air humidity, lighting period and lamp type on growth and vase life of roses L.M. Mortensen (Klepp, Ås, Norway) and T. Fjeld (Ås, Norway).  Effects of culture temperature on the enlargement, sugar uptake, starch accumulation, and respiration of in vitro bulblets of Lilium japonicum Thunb.  M. Yamagishi (Ishikawa, Japan).	213 229 239 69
M. Mataa, S. Tominaga and I. Kozaki (Kagoshima, Japan).  Loss of watercore from 'Fuji' apple observed by magnetic resonance imaging C.J. Clark (Palmerston, New Zealand), J.S. MacFall (Elon College, NC, USA) and R.L. Bieleski (Auckland, New Zealand).  Effects of air humidity, lighting period and lamp type on growth and vase life of roses L.M. Mortensen (Klepp, Ås, Norway) and T. Fjeld (Ås, Norway).  Effects of culture temperature on the enlargement, sugar uptake, starch accumulation, and respiration of in vitro bulblets of Lilium japonicum Thunb.  M. Yamagishi (Ishikawa, Japan).	213 229 239 69
M. Mataa, S. Tominaga and I. Kozaki (Kagoshima, Japan).  Loss of watercore from 'Fuji' apple observed by magnetic resonance imaging C.J. Clark (Palmerston, New Zealand), J.S. MacFall (Elon College, NC, USA) and R.L. Bieleski (Auckland, New Zealand)  Effects of air humidity, lighting period and lamp type on growth and vase life of roses L.M. Mortensen (Klepp, Ås, Norway) and T. Fjeld (Ås, Norway)  Effects of culture temperature on the enlargement, sugar uptake, starch accumulation, and respiration of in vitro bulblets of Lilium japonicum Thunb.  M. Yamagishi (Ishikawa, Japan)  Guide for Authors.  Author Index, Scientia Horticulturæ, Volume 73	213 229 239 69 255

